

Title (en)
ELECTROMECHANICAL DRIVE DEVICE

Title (de)
ELEKTROMECHANISCHE ANTRIEBSVORRICHTUNG

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT ELECTROMECHANIQUE

Publication
EP 1188217 B1 20080917 (DE)

Application
EP 01942977 A 20010420

Priority
• DE 0101597 W 20010420
• DE 10020018 A 20000422

Abstract (en)
[origin: WO0182451A1] An electromechanical drive device for adjusting devices of an automobile, especially for a window lifter, has a gear with a gear housing, an electromotor which is mechanically connected to said gear, a control device which is located in the gear housing and which has at least one power semiconductor for controlling the electromotor, and a means which is thermally coupled to said power semiconductor and which serves as a heat sink for dissipating the lost heat of said power semiconductor. Said means serving as a heat sink and dissipating the lost heat of the power semiconductor from the same, is integrated in the gear housing. The integration of this means for dissipating lost heat in the housing enables said means to take over mechanical or thermal functions in addition to that of serving as a heat sink.

IPC 8 full level
E05F 15/16 (2006.01); **H02K 11/38** (2016.01); **H02K 5/22** (2006.01); **H02K 7/116** (2006.01); **H02K 9/00** (2006.01)

CPC (source: EP US)
H02K 11/38 (2016.01 - EP US); **E05F 15/697** (2015.01 - EP US); **E05Y 2900/55** (2013.01 - EP US); **H02K 5/225** (2013.01 - EP US); **H02K 7/1166** (2013.01 - EP US); **H02K 9/00** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
WO 0182451 A1 20011101; DE 10020018 A1 20011108; DE 50114327 D1 20081030; EP 1188217 A1 20020320; EP 1188217 B1 20080917; US 2003160526 A1 20030828; US 6917129 B2 20050712

DOCDB simple family (application)
DE 0101597 W 20010420; DE 10020018 A 20000422; DE 50114327 T 20010420; EP 01942977 A 20010420; US 1914801 A 20011221